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Form PTO 948 (Rev. 03/01) U.S. DEPARTMENT OF COMMERCE - Patent and Trademark Office Application No. 09/543663

NOTICE OF DRAFTSPERSON'S  
PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 4/5/00 and 12/17/02 are:

A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.

B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

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| <p>1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:<br/>Black ink. Color.<br/>Color drawings are not acceptable until petition is granted.<br/>Fig(s) _____<br/><input checked="" type="checkbox"/> Pencil and non black ink not permitted. Fig(s) 18</p> <p>2. PHOTOGRAPHS. 37 CFR 1.84(b)<br/>1 full-tone set is required. Fig(s) _____<br/>Photographs may not be mounted. 37 CFR 1.84(e)<br/>Poor quality (half-tone). Fig(s) _____</p> <p>3. TYPE OF PAPER. 37 CFR 1.84(e)<br/>Paper not flexible, strong, white, and durable.<br/>Fig(s) _____<br/>Erasures, alterations, overwritings, interlineations,<br/>folds, copy machine marks not accepted. Fig(s) _____<br/>Mylar, velum paper is not acceptable (too thin).<br/>Fig(s) _____</p> <p>4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:<br/>21.0 cm by 29.7 cm (DIN size A4)<br/>21.6 cm by 27.9 cm (8 1/2 x 11 inches)<br/>All drawing sheets not the same size.<br/>Sheet(s) _____<br/>Drawings sheets not an acceptable size. Fig(s) _____</p> <p>5. MARGINS. 37 CFR 1.84(g): Acceptable margins:<br/>Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm<br/>SIZE: A4 Size<br/>Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm<br/>SIZE: 8 1/2 x 11<br/>Margins not acceptable. Fig(s) 1, 3, 5-8<br/>Top (T) _____ Left (L) _____<br/><input checked="" type="checkbox"/> Right (R) _____ Bottom (B) _____</p> <p>6. VIEWS. 37 CFR 1.84(h)<br/>REMINDER: Specification may require revision to<br/>correspond to drawing changes.<br/>Partial views. 37 CFR 1.84(h)(2)<br/>Brackets needed to show figure as one entity.<br/>Fig(s) _____<br/>Views not labeled separately or properly.<br/>Fig(s) _____<br/>Enlarged view not labeled separately or properly.<br/>Fig(s) _____</p> <p>7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)<br/>Hatching not indicated for sectional portions of an object.<br/>Fig(s) _____<br/>Sectional designation should be noted with Arabic or<br/>Roman numbers. Fig(s) _____</p> | <p>8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)<br/>Words do not appear on a horizontal, left-to-right fashion<br/>when page is either upright or turned so that the top<br/>becomes the right side, except for graphs. Fig(s) _____</p> <p>9. SCALE. 37 CFR 1.84(k)<br/>Scale not large enough to show mechanism without<br/>crowding when drawing is reduced in size to two-thirds in<br/>reproduction.<br/>Fig(s) _____</p> <p>10. CHARACTER OF LINES, NUMBERS, &amp; LETTERS. 37 CFR 1.84(j)<br/><input checked="" type="checkbox"/> Lines, numbers &amp; letters not uniformly thick and well<br/>defined, clean, durable, and black (poor line quality).<br/>Fig(s) 18</p> <p>11. SHADING. 37 CFR 1.84(m)<br/><input checked="" type="checkbox"/> Solid black areas pale. Fig(s) 18 (in part)<br/><input checked="" type="checkbox"/> Shade lines, pale, rough and blurred. Fig(s) _____</p> <p>12. NUMBERS, LETTERS, &amp; REFERENCE CHARACTERS. 37 CFR 1.84(p)<br/><input checked="" type="checkbox"/> Numbers and reference characters not plain and legible.<br/>Fig(s) 1-8<br/><input checked="" type="checkbox"/> Figure legends are poor. Fig(s) 18<br/><input checked="" type="checkbox"/> Numbers and reference characters not oriented in the<br/>same direction as the view. 37 CFR 1.84(p)(1)<br/>Fig(s) _____<br/><input checked="" type="checkbox"/> English alphabet not used. 37 CFR 1.84(p)(2)<br/>Fig(s) _____<br/><input checked="" type="checkbox"/> Numbers, letters and reference characters must be at least<br/>.32 cm (1/8 inch) height. 37 CFR 1.84(p)(3)<br/>Fig(s) 18</p> <p>13. LEAD LINES. 37 CFR 1.84(q)<br/>Lead lines cross each other. Fig(s) _____<br/>Lead lines missing. Fig(s) _____</p> <p>14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)<br/>Sheets not numbered consecutively, and in Arabic numerals<br/>beginning with number 1. Sheet(s) _____</p> <p>15. NUMBERING OF VIEWS. 37 CFR 1.84(u)<br/>Views not numbered consecutively, and in Arabic numerals,<br/>beginning with number 1. Fig(s) _____</p> <p>16. CORRECTIONS. 37 CFR 1.84(w)<br/>Corrections not made from prior PTO-948<br/>dated _____</p> <p>17. DESIGN DRAWINGS. 37 CFR 1.152<br/>Surface shading shown not appropriate. Fig(s) _____<br/>Solid black shading not used for color contrast.<br/>Fig(s) _____</p> |
| <p>COMMENTS</p>   |  |

REVIEWER

Tang

DATE

3/12/03

TELEPHONE NO.

203 305 1038

ATTACHMENT TO PAPER NO. \_\_\_\_\_